

Converting Colors

$Y_{xy}(21.0393, 0.3279, 0.3117)$

Have a look what the booklet for
Yxy(21.0393, 0.3279, 0.3117)
contains.

Yxy(21.0642, 0.3271, 0.3119)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.0642, 0.3271, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	8E7983
RGB	142, 121, 131
RGB Percent	56%, 47%, 51%
CMY	0.4431, 0.5255, 0.4862
CMYK	0.00, 0.15, 0.08, 0.44
HSL	331°, 9%, 52%
HSV	331°, 15%, 56%
XYZ	22.0907, 21.0642, 24.3802
YIQ	128.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

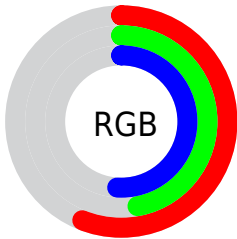
Format	Color
R_{YB}	142, 121, 131
Decimal	9337219
CIE Lab	53.02, 9.92, -2.45
CIE LCh	53, 10.216, 346.134
Yxy	21.0642, 0.3271, 0.3119
Android (android.graphics.Color)	4287527299 (0xFF8E7983)
YUV	128.4190, 1.2724, 11.9105
Hunter-Lab	45.8958, 5.5988, 0.6317

Details

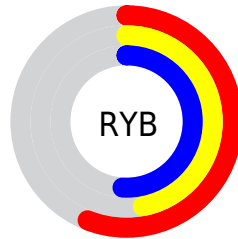
The Yxy color $21.0642, 0.3271, 0.3119$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $25.0777, 0.3004, 0.3468$, and the grayscale version is $21.7335, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.0836, 0.3241, 0.3152$, and $7.5192, 0.3332, 0.3035$ is the 20% darker color. If you saturate the color by 10%, you get $17.6697, 0.3393, 0.2997$, and if you desaturate by 10%, it is $24.9831, 0.3169, 0.3236$.

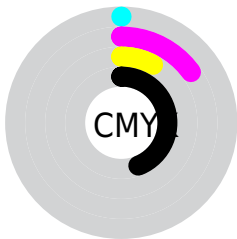
Distribution



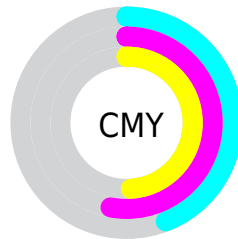
- Red (56%)
- Green (47%)
- Blue (51%)



- Red (56%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (44%)





- Cyan (44%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0642, 0.3271, 0.3119 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 21.0642, 0.3271, 0.3119 by changing the saturation by 10% instead.


 21.0642, 0.3271,
0.3119


 21.0642, 0.3271,
0.3119


257.6195, 0.3190,
0.3215


 13.1709, 0.3295,
0.3091


 45.1944, 0.3239,
0.3157

 7.5464, 0.3328,
0.3052


 62.2000, 0.3228,
0.3170

 3.8061, 0.3379,
0.2993

 83.0120, 0.3219,
0.3181

 1.5657, 0.3462,
0.2897

108.0146, 0.3211,
0.3190

 0.3343, 0.3917,
0.2339

137.5923, 0.3205,
0.3198

 0.0000, 0.0000,
0.0000

172.1294, 0.3199,

0.3204

212.0103, 0.3194,
0.3210

■ 21.0642, 0.3271,
0.3119

■ 21.0642, 0.3271,
0.3119

■ 17.6697, 0.3393,
0.2997

■ 24.9831, 0.3169,
0.3236

■ 14.7744, 0.3538,
0.2872

■ 29.4445, 0.3085,
0.3347

■ 12.3552, 0.3708,
0.2751

■ 34.4695, 0.3015,
0.3449

■ 10.3860, 0.3906,
0.2640

■ 40.0768, 0.2958,
0.3544

■ 8.8382, 0.4129,
0.2550

■ 46.2844, 0.2909,
0.3631

■ 7.6799, 0.4372,
0.2491

■ 53.1095, 0.2870,
0.3711

■ 6.8745, 0.4626,
0.2475

■ 60.5688, 0.2836,
0.3784

■ 6.3743, 0.4878,
0.2509

■ 68.6779, 0.2809,
0.3851

■ 6.1651, 0.5011,
0.2534

■ 77.4524, 0.2785,
0.3912

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.0642, 0.3083, 0.3014



21.0642, 0.3271, 0.3119



21.0642, 0.3423, 0.3268

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.0642, 0.3271, 0.3119



21.0642, 0.3341, 0.3617



21.0642, 0.2774, 0.3137

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.0642, 0.3271, 0.3119



25.0777, 0.3004, 0.3468

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.0642, 0.2838, 0.3302



21.0642, 0.3271, 0.3119



21.0642, 0.3163, 0.3588

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.0642, 0.3271, 0.3119



21.0642, 0.3463, 0.3555



21.0642, 0.2979, 0.3470



21.0642, 0.2800, 0.3020

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.0642, 0.3271, 0.3119



21.0642, 0.3482, 0.3374



21.0642, 0.2979, 0.3470



21.0642, 0.2785, 0.3189

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.0651, 0.3271, 0.3119



44.5776, 0.3163, 0.3244



20.5216, 0.3023, 0.2925



9.8435, 0.3169, 0.3237



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.0651, 0.3271, 0.3119



34.8950, 0.3312, 0.3076



20.8917, 0.3391, 0.3297



5.4642, 0.3212, 0.3186



5.5387, 0.5001, 0.2529



0.0574, 0.4092, 0.2028

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.0651, 0.3271, 0.3119



34.8950, 0.3312, 0.3076



25.2612, 0.2910, 0.3283



5.4642, 0.3212, 0.3186



5.5387, 0.5001, 0.2529



0.0574, 0.4092, 0.2028

Previews

White Background



This preview shows how the Yxy color 21.0642, 0.3271, 0.3119 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 21.0642, 0.3271, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

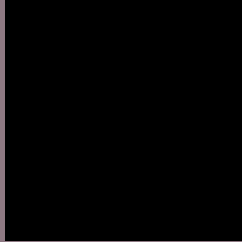
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.0642, 0.3271, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 21.0642, 0.3271, 0.3119.



This preview shows how white text looks on a background with the Yxy color 21.0642, 0.3271, 0.3119.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.0642, 0.3271, 0.3119

Protanopia

21.1550, 0.3052, 0.3147

Deuteranopia

21.1230, 0.3207, 0.3151



Tritanopia

21.0642, 0.3271, 0.3119

Trichromacy



Original Color

21.0642, 0.3271, 0.3119

Protanomaly

21.0143, 0.3123, 0.3131

Deuteranomaly

21.0467, 0.3233, 0.3135

Tritanomaly

21.0642, 0.3271, 0.3119

Monochromacy



Original Color

21.0642, 0.3271, 0.3119

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2388, 0.3179, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0642, 0.3271, 0.3119 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(142, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(142, 121, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(142, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 121, 131) }
```

Border

The CSS property to change the border of an element to Yxy 21.0642, 0.3271, 0.3119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 121, 131) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(142, 121, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(142, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(142, 121,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0642, 0.3271, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 121, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(142,  
121, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor